

Commonwealth of Kentucky
Division for Air Quality

PERMIT APPLICATION SUMMARY FORM

Completed by: Sajjad Quabili

GENERAL INFORMATION:

Name:	Eagle Industries, Inc
Address:	601 Double Spring Road, Bowling Green Kentucky 42101
Date application received:	February 14, 2000
SIC/Source description:	2511
AFS (10-digit) Plant ID:	21-227-00096
EIS #:	105-3960-0096
Application log number:	G563 and G564
Permit number:	V-00-013

APPLICATION TYPE/PERMIT ACTIVITY:

<input checked="" type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input type="checkbox"/> Conditional major
__Administrative	<input checked="" type="checkbox"/> Title V
__Minor	<input checked="" type="checkbox"/> Synthetic minor
__Significant	<input type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input checked="" type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input checked="" type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:017, 1(23)(b) or 51:052,1(14)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☒ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☐ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:**Line 1-Hope Street Finishing Line:**

Pollutant	Actual Emissions (tpy)	Potential Emissions (tpy)
Criteria Pollutants:		
PM/PM ₁₀	5.31	5.31
SO ₂	0.008	0.008
Nox	1.314	1.314
CO	0.276	0.276
VOC	226.26	249*
Lead	-	-
HAPS (by CAS):		
Cumen	0.35	0.35
Ethylbenzene	7.1	7.1
Toluene	52.63	52.63
Ethyl glycol mono butyl ether	12.53	12.53
Diethylene glycol monoethyl ether	17.97	17.97
Xylene	34.91	34.91

* VOC cap for the assembly line

Line 2-Curio Finishing Line:

Pollutant	Actual Emissions (tpy)	Potential Emissions (tpy)
Criteria Pollutants:		
PM/PM ₁₀	0.82	0.82
VOC	39	39*
Lead	-	-
HAPS (by CAS):		
Cumen	0.07	0.07
Ethylbenzene	0.93	0.93
Toluene	5.71	5.71
Ethyl glycol mono butyl ether	1.39	1.39
Diethylene glycol monoethyl ether	3.55	3.55
Xylene	4.61	4.61

* Cap for the assembly line

Line 3- DC Finishing Line:

Pollutant	Actual Emissions (tpy)	Potential Emissions (tpy)
Criteria Pollutants:		
PM/PM ₁₀	0.29	0.29
SO ₂	0.005	0.005
Nox	0.876	0.876
CO	0.184	0.184
VOC	226.15	249*
Lead	-	-
HAPS (by CAS):		
Cumen	0.39	0.39
Ethylbenzene	7.0	7.0
Toluene	41.44	
Ethyl glycol mono butyl ether	10.5	10.5
Diethylene glycol monoethyl ether	20.5	20.5
Xylene	30.71	30.71

*Cap for the assembly line

Source description: The Hope Street and the Main Street Plant (DC Finishing Line) were operated under two separate permits for their wood manufacturing operations. A Title V permit (V-97-042) was issued to the Hope Street Plant on 1/13/98. Later, on 7/2/98 the Hope Street Title V permit was revised to a Synthetic Minor / Title V permit [V-97-042(Rev.)] under a Synthetic Minor Revision. The curio operation was included in this permit for Hope Street Plant. A Conditional Major / Synthetic Minor (F-97-015) permit was issued to the Main Street Plant on 7/2/98. Eagle Industries applied for a Synthetic Minor permit / Title V permit on 6/28/99 for the construction / operation of their Main Street Plant. The DAQ found that these two sources are actually adjacent sources. Later, a consolidated application for the source was submitted to the DAQ for a construction / operation permit. A synthetic minor / Title V permit will be issued to the source for their three finishing lines in one permit. Each line will be limited for VOC emission as follows:

249 tons per year for Line 1
 39 tons per year for Line 2
 249 tons per year for Line 3

40 CFR 63.802, **EMISSION LIMITS FOR FINISH MATERIALS:** Volatile Hazardous Air Pollutant (VHAP) emissions will not be allowed to exceed the limits presented in Table 3 of 40 CFR 63 Subpart JJ for each of the finishing line of the Eagle Industries.

Emission and operating caps description: The permittee has elected to accept a VOC emission cap for each of the finishing line as mentioned previous section limit of 249 tons per year for VOC emissions to preclude the applicability of Regulation 401 KAR 51:017, *Prevention of Significant Deterioration (PSD) of Air Quality*. VOC emissions from each of the affected facilities listed above count towards this limit.